

ABSTRACT OF THE DISCLOSURE

A vehicle steering control system is provided which is capable of reliably protecting a motor for driving a wheel steering shaft. In the system, a current sensor and a motor rotational speed detection section respectively detect a current applied to the steering shaft drive motor and the motor rotational speed of the steering shaft drive motor, and current inference means infers the motor current applied to the steering shaft drive motor based on the detected motor rotational speed. Abnormal judgment means compares the current inference value obtained by the current inference means with a current detection value indicated by the current sensor to judge whether the current sensor is normal or not. Abnormal judgment output means outputs the result of the abnormal judgment when the current sensor is judged to be abnormal. When a trouble occurs that the current sensor fails to operate normally due to the malfunction or the like, such a trouble can be recognized at the early stage of the malfunction. Therefore, it can be successfully obviated that the current sensor has fallen in the malfunction, nevertheless the operation of the motor is continued as usual.